## Title: Fungicidal Compositions and Methods Using Cyanodithiocarbimates Filing Date: November 26, 2003 Attorney Docket: 030787-070000 Figure 1 of 2

$$CS_2$$
 + KOH +  $\stackrel{H}{\longrightarrow} N \stackrel{N}{\longrightarrow} N \stackrel{K^+}{\longrightarrow} S^ N = N$ 

RBr + 
$$\begin{array}{c} K^{+} S^{-} \\ \searrow = N - \equiv N \end{array}$$
  $\longrightarrow$   $\begin{array}{c} R - S \\ \searrow = N - \equiv N \\ \swarrow & S^{-} \end{array}$ 

Figure 1

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Figure 2 of 2

$$CS_2$$
 + KOH +  $H$ N $N$ N  $K^+$ S $-$ N $=$ N

$$S = N = N$$

$$K^{+} S^{-} + BrCH_{2}CI \longrightarrow CI S = N = N$$

Figure 2